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500.25179CP5

31000 U.S. PTO
10/040466
01/09/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: S. TANABE, et al
Serial No.: Not assigned
Filed: January 9, 2002
For: PACKET SWITCHING SYSTEM HAVING SELF-ROUTING SWITCHES
Group: Not assigned
Examiner: Not assigned

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

Assistant Commissioner
for Patents
Washington, D.C. 20231

January 9, 2002

Sir:

In the matter of the above-identified application, this Information Disclosure Statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an Information Disclosure Statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. §120."

Applicant(s) are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application(s) Serial No. 09/340,139, filed June 28, 1999; which is a continuation of application Serial No. 08/838,950, filed April 23, 1997, now U.S. Patent No. 5,999,537; which is a continuation of application Serial No. 08/438,959, filed May 11, 1995, now U.S. Patent No. 6,005,867; which is a continuation of application Serial No. 07/645,491, filed January 24, 1991,

now U.S. Patent No. 5,740,156; which is a continuation-in-part of application Serial No. 07/096,011, filed September 14, 1987, now U.S. Patent No. 5,043,979 and related application Serial No. 09/373,596, filed August 13, 1999; Serial No. 09/373,599, filed August 13, 1999; Serial No. 09/467,213, December 20, 1999; Serial No. 07/654,590, filed February 13, 1991, now U.S. Patent No. 5,513,177; Serial No. 08/435,961, filed May 5, 1995; and Serial No. 08/435,960, filed May 5, 1995.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (500.25179CP5) please credit any excess fees to such deposit account.

Respectfully submitted,



Carl I. Brundidge
Registration No. 29,621
ANTONELLI, TERRY, STOUT & KRAUS, LLP

CIB/jdc
(703) 312-6600

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 500.25179CP5	SERIAL NO. Not assigned
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 5 6 9 0 4 1	2/86	Takeuchi et al			
	4 7 0 7 8 2 6	11/87	Froggatt			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
												YES	NO
	6	1	1	9	6	6	4	3	8/86	Japan			XX
	6	0	2	5	3	3	9	6	12/85	Japan		XX	
	6	2	1	8	1	5	5		1/87	Japan		XX	
	6	1	3	5	6	4	8		2/86	Japan			XX
	6	2	1	9	4	7	9	5	8/87	Japan		XX	
	6	2	8	2	7	4	7		4/87	Japan		XX	
	5	9	1	7	4	0	8	7	10/84	Japan		XX	
	6	0	7	6	4	2	9		4/85	Japan		XX	
	5	5	3	1	3	3	4		3/80	Japan		XX	
	6	1	3	5	6	4	6		2/86	Japan		XX	
	6	2	1	3	9	4	9	5	6/87	Japan		XX	
	5	7	1	0	3	4	8	9	6/82	Japan		XX	
	5	8	3	8	0	9	4		3/83	Japan		Eng. Abst.	
	6	1	1	8	7	4	9	7	8/86	Japan		XX	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	H. Suzuki, et al, "A Study on the Configuration of the SCPS System", C&C Systems Research Labs, Integrated Switching Development Div. NEC Corporation, pp. 49-54.
	T. Takeuchi et al, "A New Switching System Architecture for ISDN Environment Synchronous Composite Packet Switching" Links for the Future, May 1984, pp. 38-41.
	H. Niwa et al, "Synchronous Composite Packet Switching for Broadband ISDN" C&C Systems Research Laboratories NEC Corporation, June 1986, pp. 1715-1719.
	H. Suzuki, et al, "Very High Speed and High Capacity Packet Switching for Broadband ISDN" C&C Systems Research Laboratories NEC Corporation, June 1986, pp. 749-754.
	T. Yamaguchi, "Synchronous Composite Packet Switching", C&C Systems Research Laboratories, NEC Corporation.

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	S. Morita, et al, "Elastic Basket Switching - A New Integrated Switching System for Voice and High-Speed Burst Data", IEEE, 1987, p. B711-3.
	T. Takeuchi et al, "Synchronous Composite Packet Switching for ISDN Switching System Architecture", ISS, May 7-11, 1984, Florence.
	A.K. Elhakeem, et al, "Analysis of a Hybrid (Demand Assignment IDMA) Protocol for Video Teleconferencing Voice Data Optical Networks", Computer Networks and ISDN Systems, March 1986, vol. 11, No. 3, pp. 219-241.
	R.W. Muisse et al, "Experiments in Wideband Packet Technology", International Zurich Seminar on Digital Communications, March 1986, Session D4, pp. 1-5.
	S. Gohara, et al, "A New Distributed Switching System Architecture for Media Integration" IEEE Int'l Conference on Communications Sound, June 7-10, 1987, Session, '11, paper 4, pp. 373-377.
	E. Gerretti and R. Melen, "An Experimental ATM Switching Architecture for the Evolving B-ISDN Scenario", May 27-June 1, 1990, pp. 15-20.
	S. Tanabe et al, "A New Distributed Switching System Architecture for B-ISDN", October 1990.
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	Digital Switching Method, March 15, 1986.
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	An Experimental Synchronous Composite Packet Switching System, by Takeuchi et al, Swiss Federal Institute of Technology Proceedings, pp. 149-152, 3/86.
	H. Yamanaka, "A High Speed ATM Switch Architecture Based on Multiple Shared Buffer Memories", B-467, Communication Systems Development Laboratory, Mitsubishi Electric Corporation.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 7 3 4 6 5 5	3/98	Sakurai et al	370	396	
	5 5 4 1 9 1 7	7/96	Farris	370	395	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
0 2 9 2 9 6 2	11/88	European			

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	An Experimental Synchronous Composite Packet Switching System, by Takeuchi et al, Swiss Federal Institute of Technology Proceedings, pp. 149-152, 3/86.
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	4 4 9 4 9 3 0	1/85	Turner	370	311	
	4 3 1 4 3 6 7	2/82	Bakka et al	370	351	
	4 4 8 6 8 7 8	12/84	Hauermans	370	60	
	4 4 9 1 9 4 5	1/85	Turner	370	60	
	4 5 1 6 2 3 8	5/85	Huang et al	370	60	
	4 4 9 4 2 3 0	1/85	Turner	370	60	
	4 6 7 9 1 9 0	7/87	Dias et al	370	60	
	4 7 8 5 4 4 6	11/88	Dias et al	370	60	
	4 9 2 2 4 8 7	5/90	Eilenberger et al	370	60	
	4 6 9 8 8 0 3	10/87	Haselton et al	370	60	
	4 7 8 2 4 7 8	11/88	Day, Jr. et al	370	60	

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						YES	NO
	6 0 2 1 9 8 4 6	11/85	Japan			XX	
	6 0 2 3 2 7 4 2	11/85	Japan			XX	
	6 3 1 6 9 8 5 0	7/88	Japan			XX	
	6 3 3 0 5 6 4 3	12/88	Japan			XX	
	3 1 4 3 0 9 8	6/91	Japan			XX	

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	3 8 9 0 4 6 9	6/75	Kelly et al	370	60	
	4 5 5 8 4 4 4	12/85	Kennedy et al	370	63	
	4 6 7 0 8 7 1	6/87	Vaidya	370	60	
	4 7 5 4 4 5 1	6/88	Eng et al	370	60	
	5 2 1 4 6 4 0	5/93	Sakarai et al	370	60	
	4 4 8 6 8 7 5	12/84	Kelleher	369	170	
	5 0 4 3 9 7 9	8/91	Sakurai et al	370	60	
	4 6 3 3 4 6 0	12/88	Suzuki et al	370	581	
	4 6 0 3 4 1 6	7/86	Scivel et al	370	941	
	4 9 4 7 3 8 8	8/90	Kuwahara et al	370	60	
	4 9 1 0 7 3 1	3/90	Sakurai et al	370	60	

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					YES NO
0 1 6 8 9 2 7	1/86	European			
0 2 8 9 7 3 3	11/88	European			
8 5 0 2 7 3 5	6/85	WO			

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	4 9 5 6 8 3 9	9/90	Torri et al	370	60	
	4 6 1 1 3 2 2	9/86	Larson et al	370	60	
	4 3 2 2 8 4 3	3/82	Beuscher et al	370	60	
	4 6 8 6 7 0 1	8/87	Ahmad et al	379	269	2/7/85
	4 3 4 5 3 2 4	8/82	Smitt	370	13	7/9/80
	4 1 5 2 5 4 8	5/79	Horiki	370	110.1	12/13/77
	4 0 0 9 3 4 7	2/77	Flemming et al	370	95.3	12/30/74
	4 6 8 5 1 0 4	8/87	Johnson et al	370	59	2/27/85
	4 6 4 4 5 2 9	2/87	Amstutz et al	370	60	8/2/85
	4 7 5 7 4 9 7	7/88	Deierle et al	370	85.12	12/3/86
	4 7 2 0 8 5 4	1/88	Sand	370	58.3	12/17/85
	4 0 5 8 6 7 2	11/77	Crager et al	370	60	11/10/76

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
5 9 2 3 6 5 8	2/84	Japan			
6 0 1 2 7 8 4 4	7/85	Japan			
6 1 6 0 0 4 4	3/86	Japan			

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	4 0 5 8 8 3 8	11/77	Crager et al	370	60	
	4 3 1 2 0 6 5	1/85	Ulug	370	94	11/10/76
	4 8 0 9 2 6 1	2/89	Ratcliff	370	60	7/10/87
	4 4 5 0 5 5 7	5/84	Munter	370	58	11/9/81
	4 8 6 6 7 0 2	9/89	Shimizu et al	370	54.3	9/21/86
	4 9 5 8 3 4 1	9/90	Hemmady et al	370	60.1	3/31/88
	5 5 1 3 1 7 7	4/96	Sakurai et al	370	58.1	2/13/91
	5 2 3 7 5 7 1	8/93	Cotton et al	370	60	
	4 7 6 0 5 7 0	7/88	Acampora et al	370	60	
RE	3 1 1 8 2	3/83	Crager et al	370	60	
	4 7 5 1 6 9 7	6/88	Hunter et al	370	68.1	9/5/86

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						YES	NO
	0 2 3 0 6 7 6	8/87	European				
	0 1 0 3 6 1 2	8/79	Japan				
	0 2 5 9 1 1 7	3/88	European				
	0 2 7 4 7 9 3	7/88	European				
0	3 4 3 6 1 1	11/89	European				

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	4 3 9 8 2 7 0	8/83	Mathieu et al	370	94.1	6/4/81
	3 9 7 9 7 3 3	9/76	Fraser	370	60	5/9/75
	5 2 3 9 5 3 9	8/93	Uchida et al	370	60	
	4 7 8 0 8 7 0	10/88	McHarg et al	370	60	9/5/86
	4 3 0 0 2 3 0	11/81	Philip et al	370	63	10/15/79
	4 4 8 8 2 8 9	12/84	Turner	370	60	6/25/82

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